



November 13, 2003

TO: See Distribution List

FROM: Martha Lamont  
Director

SUBJECT: Semi-Annual Program Plan (January – June 2004) – Pesticide Data Program

This Program Plan serves as the current Statement of Work for the period January 2004 through June 2004 for each of the States participating in the Pesticide Data Program (PDP). This document also stipulates work assignments for the Federal facilities participating in PDP. The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA) and USDA's Office of Pest Management Policy (OPMP) staff.

## **I. ADMINISTRATIVE UPDATES**

- A. Summary Status:** The 2002 PDP Annual Summary is being drafted and should be ready for Department review November 2003.
- B. Personnel:** Program participants are reminded to keep PDP management informed of any critical personnel vacancies, staffing issues, or expected increases in rent (due to laboratory or office renovation/relocation, etc.). This information is very important for financial management, workload assignments, and to monitor potential backlogs.
- C. USDA-EPA PDP Planning Meeting:** The Monitoring Programs Office (MPO) held a planning meeting on October 2, 2003, with EPA Health Effects Division (HED) representatives to discuss tentative PDP commodities and analytes to be included during 2004.
- D. Technical/Quality Assurance (QA) Meeting:** A meeting for PDP Technical Program Managers and Quality Assurance Officers will be held during April/May 2004 in the Washington, DC metro area. Topics to be discussed include quantitation, multiple peak compounds, validation requirements, and marker pesticides. Attendees will be polled to determine suitable dates.
- E. QA Committee:** Current members of the QA Committee are David Houpt (Presiding Member, Texas), Gail Parker (Florida), and Kevin Worden (Michigan).
- F. January through June 2004 Proficiency Testing (PT) Program:** Listed below is the PT program schedule for January through June 2004 for fresh and processed fruit and vegetables, grain, and drinking water.

PE SET NO.	SHIPMENT DATE <sup>1</sup>	PROVIDER	COMMODITY	LABORATORY
112	January 2004	Ultra	Water	CO1, NY1
113	February 2004	CDFA	Sweet potatoes	CA1, MI1
114	March 2004	CDFA	Peaches	OH1
115	April 2004	FAPAS <sup>2</sup>	TBD <sup>3</sup>	CA1, FL1, FL2, MI1, NY1, OH1, TX1, WA1
116	May 2004	Ultra	Water	CO1, MT1, NY1
117	June 2004	CDFA	Soybeans	US3

For samples provided by the California Department of Food and Agriculture (CDFA) Quality Assurance Unit (QAU), please provide analytical methods and any special requirements for sample preparation (e.g., silinization of glassware) to Harnek Nijjar. These samples are subject to compounds specified in the applicable PDP-QC-13 addendum. Shipment is generally scheduled for the second Tuesday of the month and the CDFA QAU will pre-notify affected laboratories. Please remember to report results to the Monitoring Programs Office (MPO) concurrently with CDFA QAU.

General multi-residue method (MRM) samples for fresh fruit and vegetables will be supplied by FAPAS in April 2004. Laboratories will identify compounds tested/not tested prior to each round. Laboratories will not be held responsible by FAPAS or MPO for compounds identified as not analyzed. Please report results concurrently to FAPAS and MPO.

For drinking water, Ultra Scientific will provide proficiency samples based on common analytical profiles and detection limits. For each check sample set, the vendor will supply the laboratory's QAU with a custom gas chromatography (GC) mix and a custom liquid chromatography (LC) mix. The QAU will make dilutions per PDP instructions and fortify one liter of unfiltered tap water with the GC dilution and one liter with the LC dilution. The spiked samples will then be issued to the laboratory staff for analysis. Results should be reported directly to MPO.

#### **G. Standard Operating Procedures (SOPs):**

##### **New and Revised SOPs Released October 1, 2003**

- PDP-QC-13 Cantaloupe, Commodity Specific Requirements for Cantaloupe
- PDP-QC-13 Pears, Commodity Specific Requirements for Pears
- PDP-QC-13 Spinach, Commodity Specific Requirements for Spinach
- PDP-QC-13 Soybeans, Commodity Specific Requirements for Soybeans

<sup>1</sup> Target shipment date for all providers is the second Tuesday of the month

<sup>2</sup> Food Analysis Performance Assessment Scheme

<sup>3</sup> To be determined.

- PDP-QC-13 Sweet Potatoes, Commodity Specific Requirements for Sweet Potatoes

#### **New and Revised SOPs to be Released January 1, 2004**

- PDP-QC-13, Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings
- PDP-QC-13 Apples, Commodity Specific Requirements for Apples
- PDP-QC-13 Grapes, Commodity Specific Requirements for Grapes
- PDP-QC-13 Lettuce, Commodity Specific Requirements for Lettuce
- PDP-QC-13 Milk, Commodity Specific Requirements for Milk
- PDP-QC-13 Oranges, Commodity Specific Requirements for Oranges
- PDP-QC-13 Pears, Commodity Specific Requirements for Pears
- PDP-QC-13 Strawberries, Commodity Specific Requirements for Strawberries

### **H. Electronic Transfer of Data**

RDE Version Upgrade Installed: An upgraded version of the Web-based Remote Data Entry (RDE) system was installed on October 15, 2003. This new version includes fixes for over 30 identified glitches, primarily in printed reports. This upgrade and all future system modifications will be programmed by the MPO staff. MPO is maintaining a database of all user change requests, including problems and suggestions received by telephone and e-mail.

RDE System Architecture: The reengineered RDE system is a centralized system, where all RDE database files and support software will reside in Washington, D.C. and laboratory users will require only an Internet web browser on the front-end. A stand-alone SIF data entry system for laptop/desktop computers and for PDAs (Pocket PCs) was developed to allow the capture of SIF data electronically by sample collectors. The SIF data entry system can also be used by laboratories to perform off-line data entry of paper SIF information that can then be imported into the central RDE system.

New RDE Secure Web Address: RDE users in the laboratories should be using the SSL (Secure Socket Layer) site address to access the Web-based RDE system. The SSL address is <https://www.ams.usda.gov/rde>. The only difference is the addition of the letter "s" following "http". This SSL technology is used to encrypt all data passed between the user's computer and the central web server.

Legacy RDE System Cut-off: The cut-off date for ending use of the legacy FoxPro-based Remote Data Entry (RDE) system was July 1, 2003. This means that the Web-based RDE system should be used for all samples collected after June 30, 2003.

- I. Cooperative Agreements:** PDP is under Continuing Resolution. FY'04 Cooperative Agreements will be put in place once the budget has been signed by the President. If the Continuing Resolution is projected to extend beyond November 2003, stopgap Cooperative Agreements will be established at that time.

## II. PROGRAM SAMPLING AND TESTING UPDATES

- A. **Sampling Changes and Rotations:** (Draft 1st and 2nd Quarter 2004 Shipping Charts are attached to this document)

### **Sampling Deletions**

**Asparagus** collection ended *December 31, 2003*.

**Butter** collection ended *December 31, 2003*.

**Onion** collection ended *December 31, 2003*.

**Fresh spinach** collection ended *December 31, 2003* and will be replaced by canned spinach *January 1, 2004*. **Canned spinach** will end *June 30, 2004*.

### **Sampling Additions**

**Grapes** will be added *January 1, 2004*. With the exception of samples from California and Maryland, samples will be sent to the Florida (FL1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Lettuce** will be added *January 1, 2004*. With the exception of samples from California and Maryland, samples will be sent to the New York (NY1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Oranges** will be added *January 1, 2004*. With the exception of samples from California and Maryland, samples will be sent to the Washington (WA1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Strawberries** will be added *January 1, 2004*. With the exception of samples from California and Maryland, samples will be sent to the Michigan (MI1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Milk** will be added *January 1, 2004*. All samples will be sent to the USDA National Science Laboratory (NSL, US2), Gastonia, North Carolina. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Winter squash** will be added *July 1, 2004*. With the exception of samples from California and Maryland, samples will be sent to the Texas (TX1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

### **Sampling Changes**

**Apples** will continue to be sampled in 2004. With the exception of samples from California and Maryland, samples will be sent to the New York (NY1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

**Canned peaches** will be shipped only to the Ohio (OH1) laboratory beginning January 1, 2004.

**Spinach** switches to canned January through June, 2004.

**Water** sampling will consist of paired raw/finished samples collected twice a month from sites in Michigan, North Carolina, Ohio, Oregon, Pennsylvania, and Washington. Samples from 6 sites will be sent to the Montana (MT1) laboratory, samples from 5 sites will be sent to the Colorado laboratory (CO1), and samples from 5 sites will be sent to the New York (NY1) laboratory for analysis. Samples will continue to be collected by participating water facility personnel. USDA contractor Great Lakes Environmental Center (GLEC) will continue to provide sampling support service.

### **Sampling Continuations**

**Cantaloupes, cucumbers, green beans, pears, peppers, sweet potatoes, tomatoes, and wheat flour** continue.

**Soybeans** continue to be sampled by GIPSA. Sampling is planned to continue through *September 30, 2005*.

### **Commodity Fact Sheets:**

**Effective commodity fact sheets for the following commodities are attached to this program plan. All fact sheets were revised 11/07/03:** apples, cantaloupe, cucumbers, grapes, green beans (canned), lettuce, milk, oranges, peaches (canned), pears, peppers (sweet bell), spinach, strawberries, sweet potatoes, tomatoes, winter squash, and flour (wheat).

## **B. Testing Deletions and Changes:**

### **Testing Deletions**

**Asparagus** was removed *December 31, 2003*. This ended multi-residue testing of asparagus under SOP PDP-QC-13R by California (CA1) and Florida (FL1).

**Butter** was removed *December 31, 2003*. This ended multi-residue testing of butter under SOP PDP-QC-13 Butter by NSL (US2).

**Onions** were removed *December 31, 2003*. This ended multi-residue testing of onions under SOP PDP-QC-13Z by California (CA1) and Michigan (MI1).

**Spinach** will be removed *June 30, 2004*. This ends multi-residue testing of spinach under SOP PDP-QC-13 Spinach by Texas (TX1).

**Triazole testing for apples, peaches (fresh/canned), and wheat flour** by the Washington (WA1), New York (NY1), and GIPSA (US3) laboratories, respectively, ended December 31, 2003.

### **Testing Additions**

**Apples** will be added *January 1, 2004* for multi-residue analysis. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the New York (NY1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Apples. Draft requirements include all current registered uses for apples. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Grapes** will be added *January 1, 2004*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Florida (FL1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Grapes. Draft requirements include all current registered uses for grapes. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Lettuce** will be added *January 1, 2004*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the New York (NY1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Lettuce. Draft requirements include all current registered uses for lettuce. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Oranges** will be added *January 1, 2004*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Washington (WA1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Oranges. Draft requirements include all current registered uses for oranges. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Strawberries** will be added *January 1, 2004*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Michigan (MI1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Strawberries. Draft requirements include all current registered uses for strawberries. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Strawberries** will be added *January 1, 2004*, for triazole (parent and metabolite) testing in the Michigan (MI1) laboratory. Samples received from California and Maryland by the California (CA1) laboratory will be tested only for applicable parent triazoles.

**Milk** will be added *January 1, 2004*. Multi-residue testing for all samples will be performed by NSL (US2). Commodity specific requirements are listed in draft SOP PDP-QC-13 Milk. Draft requirements include all compounds with tolerances in milk, as well as all pyrethroids without established tolerances in milk. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Winter squash** will be added *July 1, 2004*. Multi-residue testing for all samples will be performed by the Texas (TX1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Winter Squash. Draft requirements include all current registered uses for winter squash. Please contact the PDP Technical Director with any necessary changes to this testing profile.

**Water** testing will be added to the Montana State Department of Agriculture laboratory (MT1) *January 1, 2004*. The laboratory will perform multi-residue testing for paired raw/treated water samples from Michigan, North Carolina, Ohio, Oregon, Pennsylvania, and Washington, with an initial emphasis on triazoles. Water testing in the Colorado (CO1) and New York (NY1) laboratories will also consist of testing paired raw/treated samples.

#### **Testing Changes**

The Minnesota Department of Agriculture (MN1) laboratory will begin analysis of **apples and grapes** for ethephon *January 1, 2004*. Homogenates will be shipped to MN1 by the New York (NY1) and Tallahassee, Florida (FL1) laboratories.

**Spinach** switches from fresh to canned January through June, 2004.

#### **Testing Continuations**

Multi-residue testing for **cantaloupes, cucumbers, green beans, peaches, pears, peppers, soybeans, sweet potatoes, tomatoes, and wheat flour** continues.

#### **C. Web Site for PDP Information:**

For Pesticide Data Program information check out our Internet Web Site:

<http://www.ams.usda.gov/science/pdp/>

Attachments